


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGE FROM M8x1.25 x 190.5mm long HOOK BOLT & HARDWARE BECAUSE OF AVAILABILITY.	11/20/08	WP	DW
2	CHANGED PIPE CORNER RADIUS FROM R4.5 TO R2.5 PER DIE AVAILIBTY.	2/13/09	WP	RW
3	CHANGED TO A 3 PIECE DESIGN	2/10/12	JAG	
4	CH'D Ø1/2 X .065 TO Ø5/8 X .095. CHANGED SOURCE FOR -9 FROM STANLY TO GRAINGER -1 CHANGED -15 HOOK BOLT TO -9 HOOK BOLT. ADDED 1.00 DIM FOR BUSHING -3 CH'D Ø.563 TO Ø.625 S.F. FOR -5. CH'D THRU TO ID TO THRU 1 WALL. -25 CH'D THRU TO ID TO THRU 1 WALL	5/4/12	JAG	
4A	ADDED -3 FABRICATION LAYOUT.	10/22/12	RJC	SE
4B	-3 ADDED NOTE  & CHANGED REFERENCE DIMENSION CALLOUTS (21.50) FROM 21.50 REF	1/3/13	BIM	SE
4C	CORRECTED T/N WAS RBEA93-5400-00 IS RBE350A93-5400-00. -5 ADDED DWG. -13 ADDED B/O INFO MCMASTER CARR # 90866A140.	5/23/14	DJN	RJC

SEE NOTE

T/NO EMBLEM
BLACK 3/4IN
LETTERS

RBE350A93-5400-00
ASSEMBLY

T/NAME EMBLEM
BLACK 3/4IN
LETTERS


ADD BLK/WHT DYMO
LABEL WITH S/N
"MADE IN USA"

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
	<input checked="" type="checkbox"/>		-1	1	WELDMENT		USE -3 & -5	2
	1		-3		TUBE FRAME	DOM	Ø1 x .120 WALL x 30-1/2 (ADD EXTRA FOR BENDING & CUT LENGTH)	3
	2		-5		BUSHING	DOM	Ø5/8 x .095 WALL x 1	7
1		B/O	-7		WASHER	PLAIN	Ø3/8 I.D. x Ø13/16 O.D. MCMASTER-CARR #91083A031	4
		B/O	-9	2	HOOK BOLT	PLATED	3/8-16 UNC x 7-1/4 LONG GRAINGER #4PB84	1
		B/O	-11	2	WASHER	PLATED	Ø3/8 I.D. x Ø.734 O.D. MCMASTER CARR #94744A265	1
		B/O	-13	2	WING NUT	PLATED	3/8-16 UNC MCMASTER CARR #90866A140	1
		B/O	-15	2	FEET	BLACK RUBBER	Ø1 x 1-9/16 HEIGHT MCMASTER-CARR #2517T75 BLACK	1
		B/O	-17	1	EMBLEM, TOOL No.	PLASTIC	SIGNS NOW 3/4" LETTERS	1
		B/O	-19	1	EMBLEM, ARRIEL ENGINE SUPPORT	PLASTIC	SIGNS NOW 3/4" LETTERS	1
		B/O	-20	1	DYMO LABEL	VINYL		1
	<input checked="" type="checkbox"/>		-21	2	WELDMENT			4
1			-23		LEG	DOM	Ø1.00 X .120 WALL X 20-1/4	5
1			-25		INSERT	DOM	Ø3/4 X .095 WALL X 4-1/4	6
		B/O	-27	2	QUICK-RELEASE BUTTON	S.S.	Ø9/16 MCMASTER-CARR #92988A670	1

NOTES:

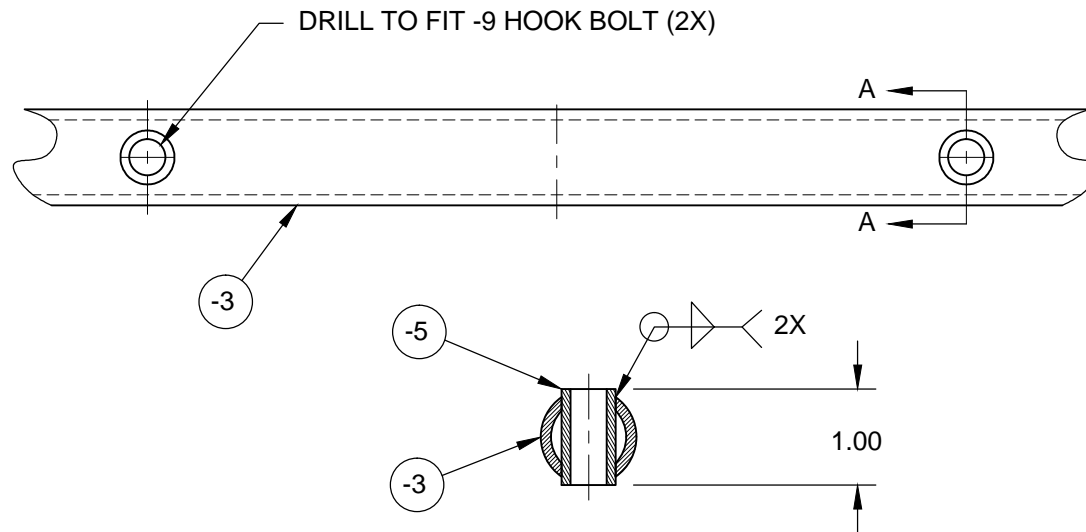
1. INSERT -27 INTO THE INNER TUBE OF -21.
2. REF. EUROCOPTER T/N: 350A93-5400-00.

 RED BARN MACHINE

TITLE	
ARRIEL ENGINE SUPPORT	
DWG NO. RBE350A93-5400-00	REV 4C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: PERRITT
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	APPROVED 
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FINISH
SCALE 1:8	SPEC
DATE 11-20-08	USED ON MODEL
SHEET 1 of 7	EUROCOPTER AS350A

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGE FROM M8x1.25 x 190.5mm long HOOK BOLT & HARDWARE BECAUSE OF AVAILABILITY.	11/20/08	WP	DW
2	CHANGED PIPE CORNER RADIUS FROM R4.5 TO R2.5 PER DIE AVAILIBLITY.	2/13/09	WP	RW
3	CHANGED TO A 3 PIECE DESIGN	2/10/12	JAG	
4	CHANGED -15 HOOK BOLT TO -9 HOOK BOLT. ADDED 1.00 DIM FOR BUSHING	5/4/12	JAG	



SECTION A-A

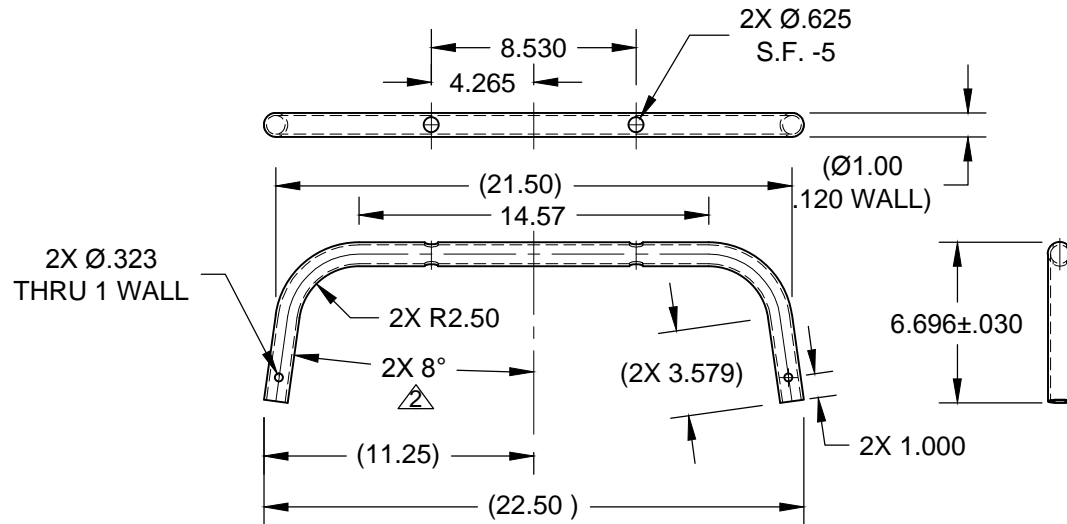
-1

WELDMENT

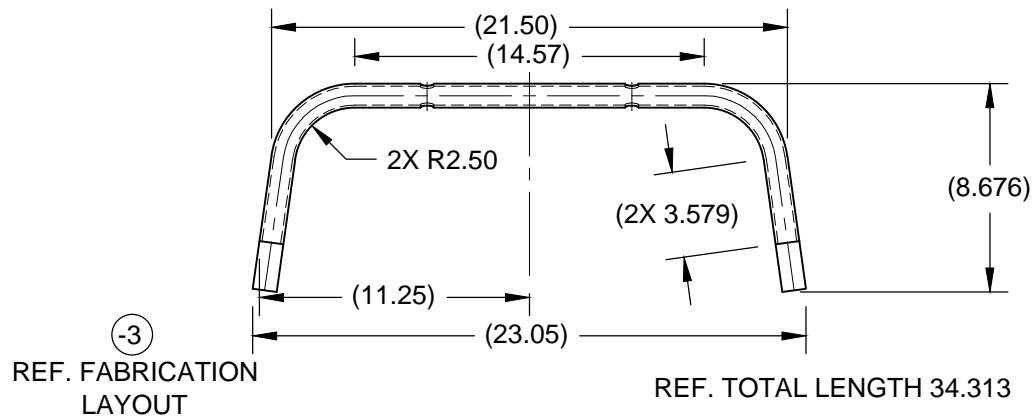
 RED BARN MACHINE	
TITLE ARRIEL ENGINE SUPPORT	
DWG NO. RBE350A93-5400-00-1	REV 4C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: PERRITT APPROVED <i>D Weil</i> FINISH POWDER COAT YELLOW; SPEC FED #13538
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL EUROCOPTER AS350A
SCALE 1:2	DATE 11-20-08
SHEET 2 of 7	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGE FROM M8x1.25 x 190.5mm long HOOK BOLT & HARDWARE BECAUSE OF AVAILABILITY.	11/20/08	WP	DW
2	CHANGED PIPE CORNER RADIUS FROM R4.5 TO R2.5 PER DIE AVAILIBLTY.	2/13/09	WP	RW
3	CHANGED TO A 3 PIECE DESIGN	2/10/12	JAG	-
4	CH'D Ø.563 TO Ø.625 S.F. FOR -5. CH'D THRU TO ID TO THRU 1 WALL	5/4/12	JAG	-
4A	ADDED -3 FABRICATION LAYOUT.	10/22/12	RJC	SE
4B	ADDED NOTE, \triangle & CH'D REF DIM CALLOUTS (21.50) FROM 21.50 REF, ADDED LIMITS TO 6.696 DIM(+/- .030).	1/3/13	BIM	SE



-3
TUBE
FRAME



-3
REF. FABRICATION
LAYOUT

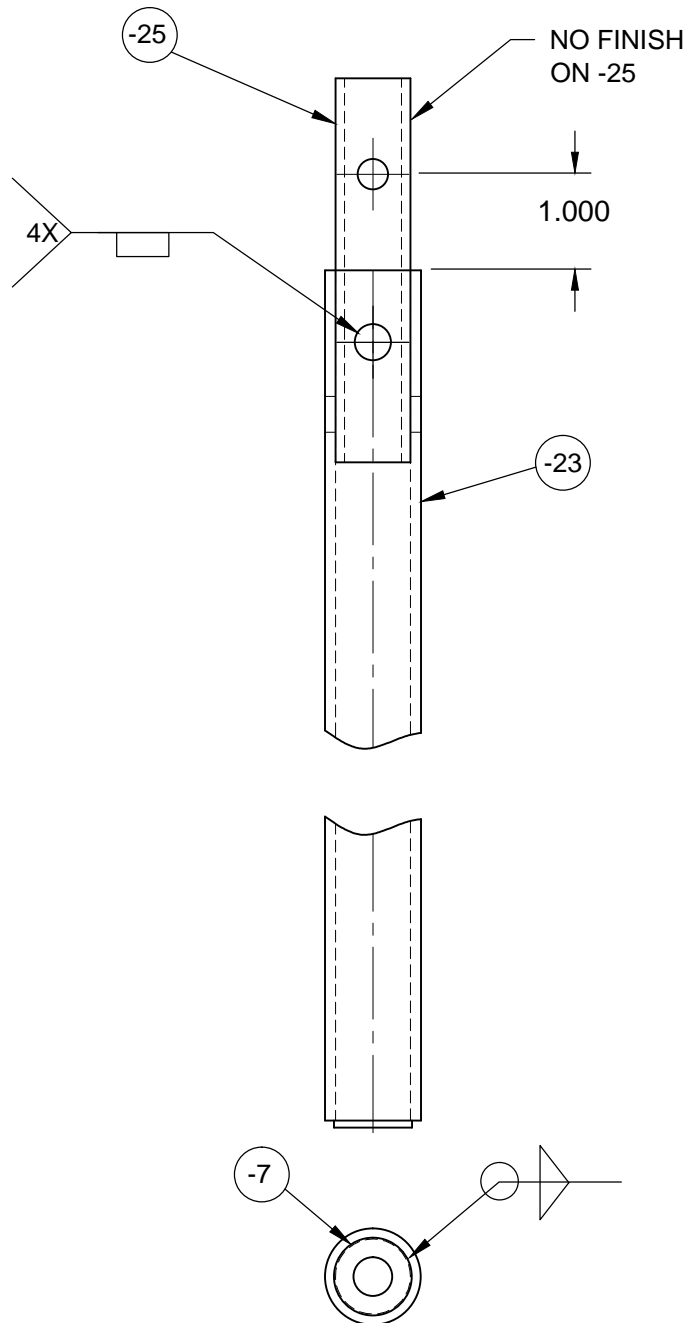
REF. TOTAL LENGTH 34.313

NOTES:

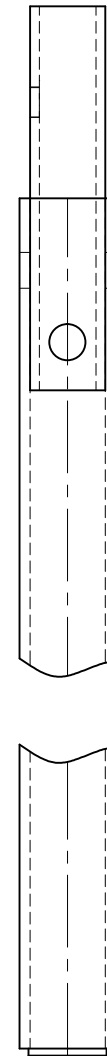
1. REF. FINISH LENGTH 30.316
- \triangle USE ANGLE TEMPLATE TO VERIFY PROPER 8° ANGLE

RED BARN MACHINE	
TITLE ARIEL ENGINE SUPPORT	
DWG NO. RB350EA93-5400-00-3	REV 4C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	
FRACTIONS ± 1/32 ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:8	DATE 11-20-08
SHEET 3 of 7	

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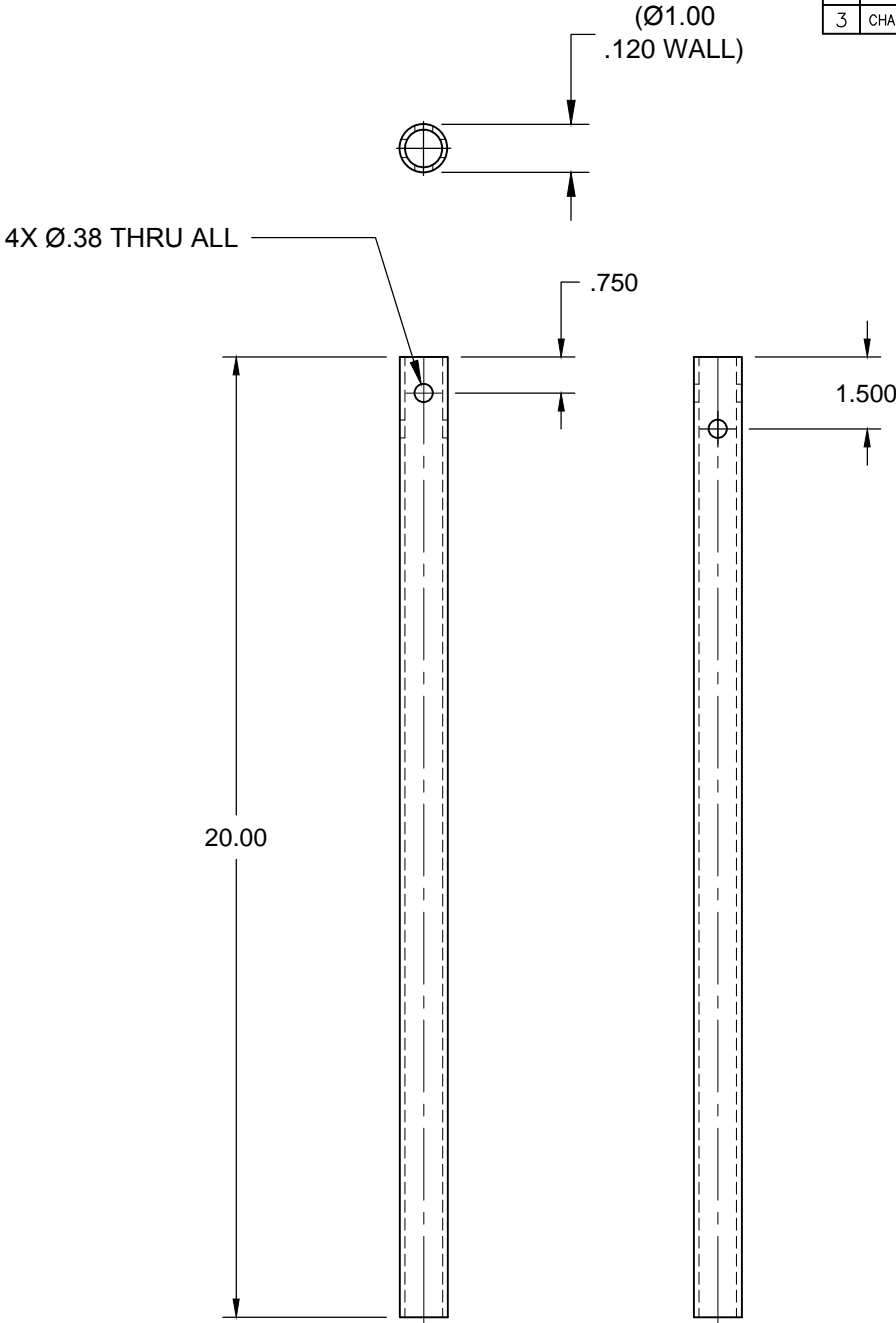
REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGE FROM M8x1.25 x 190.5mm long HOOK BOLT & HARDWARE BECAUSE OF AVAILABILITY.	11/20/08	WP	DW
2	CHANGED PIPE CORNER RADIUS FROM R4.5 TO R2.5 PER DIE AVAILIBLTY.	2/13/09	WP	RW
3	CHANGED TO A 3 PIECE DESIGN	2/10/12	JAG	



RED BARN MACHINE	
TITLE ARRIEL ENGINE SUPPORT	
DWG NO. RBE350A93-5400-00-21	REV 4C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: PERRITT APPROVED <i>D Weil</i> FINISH POWDER COAT YELLOW; SPEC FED #13538
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES 015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL EUROCOPTER AS350A
SCALE 1:2	DATE 11-20-08
SHEET 4 of 7	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
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2	CHANGED PIPE CORNER RADIUS FROM R4.5 TO R2.5 PER DIE AVAILIBLTY.	2/13/09	WP	RW
3	CHANGED TO A 3 PIECE DESIGN	2/10/12	JAG	

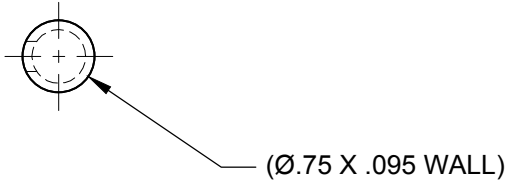
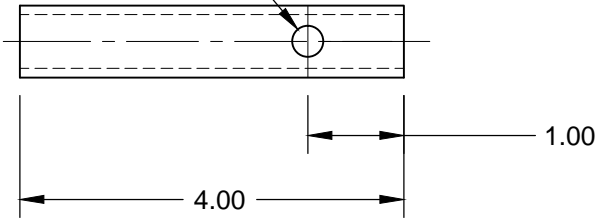


RB RED BARN MACHINE	
TITLE ARRIEL ENGINE SUPPORT	
DWG NO. RBE350A93-5400-00-23	REV 4C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: PERRITT APPROVED: <i>D Weil</i> FINISH: SEE -21 WELDMENT SPEC: USED ON MODEL EUROCOPTER AS350A
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:4	DATE 11-20-08
SHEET 5 of 7	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CHANGE FROM M8x1.25 x 190.5mm long HOOK BOLT & HARDWARE BECAUSE OF AVAILABILITY.	11/20/08	WP	DW
2	CHANGED PIPE CORNER RADIUS FROM R4.5 TO R2.5 PER DIE AVAILIBLITY.	2/13/09	WP	RW
3	CHANGED TO A 3 PIECE DESIGN	2/10/12	JAG	
4	CH'D THRU TO ID TO THRU 1 WALL	5/4/12	JAG	

Ø.32 THRU 1 WALL



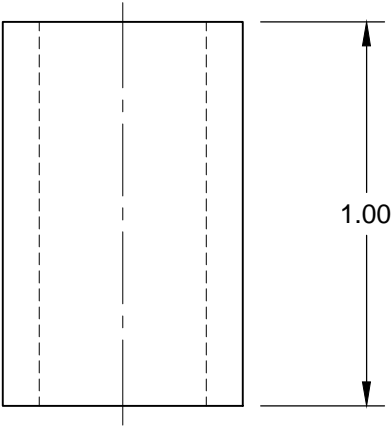
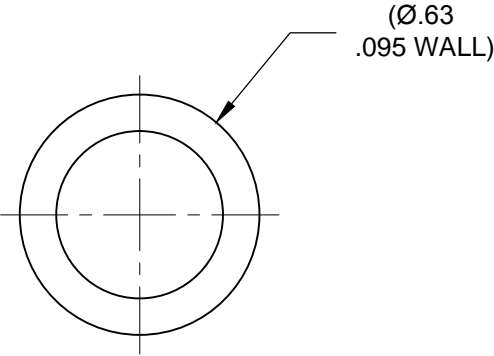
-25

INSERT

RED BARN MACHINE	
TITLE ARRIEL ENGINE SUPPORT	
DWG NO. RBE350A93-5400-00-25	REV 4C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: APPROVED <i>D Weil</i> FINISH SEE-21 WELDMENT SPEC USED ON MODEL EUROCOPTER AS350A
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 11-20-08
SHEET 6 of 7	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
4C	-5 DRAWING ADDED	5/23/14	DJN	RJC



⑤
BUSHING

RB RED BARN MACHINE	
TITLE ARRIEL ENGINE SUPPORT	
DWG NO. RBE350A93-5400-00-5	REV 4C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: APPROVED <i>D Weil</i> FINISH SEE-1 WELDMENT SPEC USED ON MODEL EUROCOPTER AS350A
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE 2:1 DATE 11-20-08 SHEET 7 of 7